

Converting Colors

Decimal(6381729)

Have a look what the booklet for
Decimal(6381729) contains.

Decimal(6381729)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6381729)

Conversions

Conversions Part 1

Format	Color
Hex	6160A1
RGB	97, 96, 161
RGB Percent	38%, 38%, 63%
CMY	0.6196, 0.6235, 0.3686
CMYK	0.40, 0.40, 0.00, 0.37
HSL	241°, 26%, 50%
HSV	241°, 40%, 63%
XYZ	15.5457, 13.4803, 35.5008
YIQ	103.7090, -20.2690, 20.4270

Conversions

Conversions Part 2

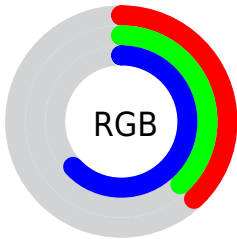
Format	Color
R_{YB}	97, 96, 161
Decimal	6381729
CIE _{Lab}	43.48, 17.07, -35.11
CIE _{LCh}	43, 39.034, 295.927
Yxy	13.4803, 0.2409, 0.2089
Android (android.graphics.Color)	4284571809 (0xFF6160A1)
YUV	103.7090, 28.2445, -5.8838
Hunter-Lab	36.7156, 11.3260, -31.6275

Details

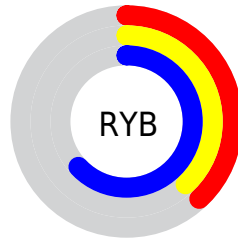
The Decimal color **6381729** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10527072**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **9867992**, and **2962029** is the 20% darker color. If you saturate the color by 10%, you get **5329057**, and if you desaturate by 10%, it is **7434401**.

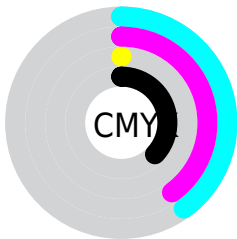
Distribution



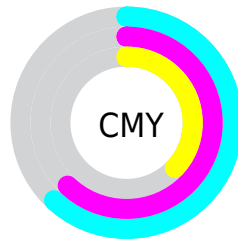
- Red (38%)
- Green (38%)
- Blue (63%)



- Red (38%)
- Yellow (38%)
- Blue (63%)



- Cyan (40%)
- Magenta (40%)
- Yellow (0%)
- Black (37%)



- Cyan (62%)
- Magenta (62%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6381729 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 6381729 by changing the saturation by 10% instead.

6381729

6381729

16777215

4671623

9867992

2962029

11709941

1121620

13551871

1341

15459583

806

271

0

6381729

6381729

5329057

7434401

■ 4276385

■ 8487073

■ 3223713

■ 9539745

■ 2236577

■ 10526881

■ 1183905

■ 11579809

■ 131233

■ 12632481

■ 13685153

■ 14737825

■ 15790497

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



552103



6381729



9065355

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6381729



9787186



30305

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6381729



10527072

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3437377



6381729



8217635

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6381729



10636620



6122793



30338

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6381729



10112119



6122793



30294

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6381729



12105937



6332833



5921385



15263976



6908265

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6381729



7237073



8478881



4868434



131217



18

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



10576032



13725136



8495456



5392721



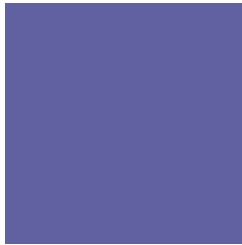
9502863



1179666

Previews

White Background



This preview shows how the Decimal color 6381729 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 6381729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6381729 Background



This preview shows how black text looks on a background with the Decimal color 6381729.

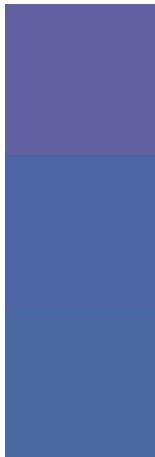


This preview shows how white text looks on a background with the Decimal color 6381729.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

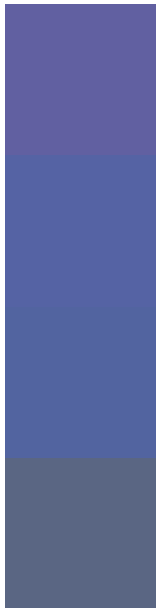


Original Color
6381729

Protanopia
5137829

Deuteranopia
4810656

Trichromacy



Original Color
6381729

Protanomaly
5596068

Deuteranomaly
5399712

Tritanomaly
5924483

Monochromacy



Original Color
6381729

Achromatopsia
6842472

Achromatomaly
6645117

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6381729 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6160A1 looks like.

```
.text, #text, p{  
    color:#6160A1  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6160A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6160A1
}
```

Border

The CSS property to change the border of an element to Decimal 6381729 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6160A1 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6160A1 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6160A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6160A1; -webkit-box-shadow:4px 4px  
4px 4px #6160A1; box-shadow:4px 4px 4px  
4px #6160A1 }
```

Background

The CSS property to change the background color of an element to Decimal 6381729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6160A1 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6160A1 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor